

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

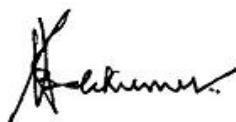
|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 05994   |
| <b>Product</b>           | <b>D-Phenylalanine amide</b>  |
| <b>Lot Number</b>        | 05994-091906-1A<br>D-Phe-NH <sub>2</sub><br><br>(R)-2-Amino-3-phenylpropionyl amide |
| <b>CAS Number</b>        | 5241-59-8   |
| <b>Molecular Formula</b> | C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O                                     |
| <b>Molecular Weight</b>  | 164.21  |

---

|                         |   |
|-------------------------|---|
| <b>Melting Point</b>    | 74-79 °C  |
| <b>Optical Rotation</b> | [α] <sub>D</sub> <sup>20</sup> = -18.92° (C=1.0% in 1N HCl) |
| <b>Purity by HPLC</b>   | 99%   |
| <b>Storage</b>          | Store at 0-8°C  |

|                |  |
|----------------|--|
| <b>Remarks</b> | See material safety data sheet for additional information<br>For laboratory use only |
|----------------|--|

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager